

DATASHEET

Fiber Fusion Splicer

Easily and efficiently Splice Fiber&Cable and Fusion-On Connector

Handhold Small Fusion Splicer-OMCFS-X600



RoHS



OMC INDUSTRY CO.LIMITED



Handhold Small Fusion Splicer-OMCFS-X600

Product Introduction

OMCFS-X600 Handhold Small Fiber Fusion Splicer, with high performance price ratio, is the main product of OMC Company. With SAMLL& smart appearance, reliable quality, OMCFS-600 is a special design for the installation, operation and maintenance of optical fiber specially design a precision, durable, convenient optical fiber construction instrument. Widely used in the construction, inspection, maintenance of FTTX project.



Features

- Small, light, long battery life
- 4 motors accurate cladding alignment
- 250 times magnification of fiber cores
- 7s fast splicing, 26s intelligent heating
- More than 4000 times electrodes discharging
- 4400mAh Li-battery, 220 cycles splicing and heating
- Inductive automatic heater, not heating without fibers
- 3 in 1 multi-function clamps, new waterproof structure

Specifications

Applicable fiber	SM(G.652), MM(G.651), DS(G.653), NZDS(G.655), others(including G.657)
Diameter of cladding	80 -150μm
Diameter of coating	160 – 900μm
Typical splice loss	SM:0.02dB, MM:0.01dB, DS:0.04dB, NZDS:0.04dB
Available language	English, Russian,Spanish,Portuguese,Italian,French,German
Fiber cleaved length	10-16mm (coating diameter< 250μm), 16mm(coating diameter: 250-1000μm)
Splicing program	40 groups
Operate mode	Manual, Automatic
Auto-heating	Available
Typical splicing time	7seconds
Tube heating time	26 seconds for 60mm and 40mm shrinkable sleeves
Fiber view magnification	250X(X or Y view), 125X(X and Y view)
Viewing method and display	2 CMOS cameras, 4.3 inch color LCD monitor
Storage of splice result	4000 results
Loss evaluation	Available
Tension test	1.8-2.2N
Interface	GUI menu interface, easier operation
Battery capacity	4400mAh Li-battery, typical 220 cycles(splice and tube heat)
Power supply	Adaptor, input: AC100-240V(50/60HZ),output: DC11-13.5V
Electrode life	More than 4000 ARC discharges, can be replaced conveniently
Terminals	USB 2.0 port, for uploading splice results and upgrading software
Operating condition	Altitude: 0-5000m, Humidity: 0-95%, Temperature: -10℃ ~ +50℃;Wind speed: max 15m/s
Dimension	200mm(L)x123mm(W)x95mm(H)
Weight	1.6kg including battery
Package	Packed in carton with protection foam, Size 43cm*37cm*27cm, G.W.6.3kg



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Product Details



Inductive automatic heater
Not heating without fiber



Precise V groove design
Stable splicing performance



Long working time Li-battery
Pluggable and safe



Splicing in dusty enviroment



Splicing in rainy environment



Splicing after dropping from 76cm

Standard Accessories

1



Carrying Box

2



Fiber Stripper

3



Cooling Tray

4



Spare Electrodes

5



Fiber Cleaver

6



Adapter

7



Strap

8



Drop Cable Stripper

9



Power Cord

10



Operation Manual

Optional Accessories

1



Spare Battery

2



Alcohol Bottle

3



USB LED Light

4



Car Charger

5



USB Flash Drive

6



Spare Blade

Guarantee

- 1) Lifelong technical support. Any problem during using, we will offer guidance to solve the problem.
- 2) Quick feedback. Usually customers can get our reply within 1 hour, latest will be not over 10 hours.
- 3) 24 months warranty period. Within warranty period, all repair and replacement of Non-human damage are for free.
- 4) Reasonable cost for repair & replacement. According to our experience, most problems could be solved by machine menu operation via our remote guidance, do not need repairing or replacement.